



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI88620EC-ISR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI88620EC-ISR                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 2CH GEN PURP 20SOIC                                                                             |
| Datasheets:         |  SI88620EC-ISR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26468 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI88620EC-ISR

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI88620EC-ISR                                                                                           |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 5KV 2CH GEN PURP 20SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 26468 pcs                                                                                               |
| DATA SHEET                           |  SI88620EC-ISR.pdf   |
| VOLTAGE - SUPPLY                     | 3 V ~ 5.5 V                                                                                             |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Capacitive Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 20-SOIC                                                                                                 |
| SERIES                               | -                                                                                                       |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                            |
| PULSE WIDTH DISTORTION (MAX)         | 7ns                                                                                                     |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 18ns, 23ns                                                                                              |
| PACKAGE / CASE                       | 20-SOIC (0.295", 7.50mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 2                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| ISOLATED POWER                       | No                                                                                                      |
| INPUTS - SIDE 1/SIDE 2               | 2/0                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 2 Channel 100Mbps 40kV/μs CMTI 20-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 100Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 40kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI88620EC-ISR | SI88620EC-ISR Distributor            | SI88620EC-ISR Supplier                        |
| SI88620EC-ISR Price                       | SI88620EC-ISR Pictures               | SI88620EC-ISR Image                           |
| SI88620EC-ISR PDF Datasheet               | SI88620EC-ISR Download Datasheet     | SI88620EC-ISR Datasheet                       |
| SI88620EC-ISR Stock                       | Buy SI88620EC-ISR                    | Buy Energy Micro (Silicon Labs) SI88620EC-ISR |
| Energy Micro (Silicon Labs) SI88620EC-ISR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI88620EC-ISR | Energy Micro SI88620EC-ISR           | Energy Micro (Silicon Labs) SI88620EC-ISR     |
| Silicon Laboratories SI88620EC-ISR        | Silicon Labs SI88620EC-ISR           |                                               |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |
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|  <div><b>SI88621BC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 32821 pcs<br/><div>RFQ</div></div> |  <div><b>SI88621BC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 24557 pcs<br/><div>RFQ</div></div>     |
|  <div><b>SI88621EC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 27165 pcs<br/><div>RFQ</div></div>  |  <div><b>SI88444EC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC<br/>In stock: 24052 pcs<br/><div>RFQ</div></div>    |
|  <div><b>SI88621BD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 26494 pcs<br/><div>RFQ</div></div>  |  <div><b>SI88620ED-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 24013 pcs<br/><div>RFQ</div></div>     |
|  <div><b>SI88620BD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 24996 pcs<br/><div>RFQ</div></div>  |  <div><b>SI88620BC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 26029 pcs<br/><div>RFQ</div></div>     |
|  <div><b>SI88620EC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 28481 pcs<br/><div>RFQ</div></div>  |  <div><b>SI8851EDB-T2-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 20V 7.7A MICRO FOOT<br/>In stock: 320621 pcs<br/><div>RFQ</div></div> |
|  <div><b>SI88620BC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 27944 pcs<br/><div>RFQ</div></div> |  <div><b>SI88621EC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC<br/>In stock: 30559 pcs<br/><div>RFQ</div></div>    |